

Top Facilities with Largest Total On-site and Off-site Releases, 1998
METAL MINING (SIC CODE 10)

															Off-site Releases		
Rank	Facility	County	State	Total Forms	Total Air Emissions	Surface Water Discharges	Underground Injection		On-site Land Releases					Total On-site Releases	Transfers Off-site to Disposal	Total On-site and Off-site Releases	
							Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other Landfills	Land Treatment	Impoundments	Surface				Other Disposal
1	KENNECOTT UTAH COPPER MINE CONCENTRATORS & POWER PLANT	SALT LAKE	UT	18	25,576	14,735	0	0	0	0	0	67,351,455	337,993,000	405,384,766	3,450	405,388,216	
2	BARRICK GOLDSTRIKE MINE	ELKO	NV	23	94,450	49,812	0	0	0	7,583	0	19,549,400	378,352,700	398,053,945	375	398,054,320	
3	ASARCO INC. MISSION COMPLEX	PIMA	AZ	5	5,196	0	0	0	0	0	0	52,082,763	284,484,480	336,572,439	0	336,572,439	
4	NEWMONT GOLD COMPANY,TWIN CREEKS MINE	HUMBOLDT	NV	21	108,106	2,615	0	0	0	3,038	0	65,982,070	203,575,005	269,670,834	2	269,670,836	
5	RED DOG OPS.	NORTHWEST ARCTIC	AK	11	479,668	719	0	0	0	0	0	225,327,987	23,875,028	249,683,402	21	249,683,423	
6	CHINO MINES CO.	GRANT	NM	45	311,490	6	0	0	0	0	0	32,923,806	160,742,906	193,978,208	0	193,978,208	
7	BHP COPPER ROBINSON OPS.	WHITE PINE	NV	5	2,895	0	0	0	0	0	0	167,733,163	0	167,736,058	0	167,736,058	
8*	PHELPS DODGE MORENCI INC.	GREENLEE	AZ	19	84,634	0	0	0	0	0	177	132,650,171	8,987,100	141,722,082	0	141,722,082	
9	CYPRUS SIERRITA CORP.	PIMA	AZ	13	19,570	10	0	0	0	25	0	0	129,924,015	129,943,620	0	129,943,620	
10**	CYPRUS MIAMI MINING CORP.	GILA	AZ	17	324,765	0	0	0	0	0	0	0	123,067,010	123,391,775	5,865	123,397,640	
11	ASARCO INC., RAY COMPLEX/RAY OPS. MINE	PINAL	AZ	8	30,376	183	0	0	0	0	0	0	0	0	0	116,117,202	
12	ECHO BAY MINERALS CO. - MCCOY/COVE MINE	LANDER	NV	14	44,940	0	0	0	0	0	0	54,188,425	57,786,814	112,020,179	0	112,020,179	
13	NEWMONT GOLD CO. CARLIN SOUTH AREA	EUREKA	NV	21	173,883	7,088	0	0	0	747	638	42,142,060	64,987,000	107,311,416	1	107,311,417	
14	CYPRUS BAGDAD COPPER CORP.	YAVAPAI	AZ	9	5,317	0	0	0	0	20	0	30,311,515	63,170,025	93,486,877	0	93,486,877	
15	NEWMONT GOLD CO. -LONE TREE MINE	HUMBOLDT	NV	18	53,069	113,750	0	0	0	115	0	11,625,000	42,035,150	53,827,084	0	53,827,084	
16	KENNECOTT GREENS CREEK MINING CO.	JUNEAU	AK	13	16,956	616	0	29,024,000	0	0	0	19,403,300	4,646,400	53,091,272	0	53,091,272	
17**	BHP COPPER N.A. SAN MANUEL MINING	PINAL	AZ	12	89,985	0	0	0	0	0	0	51,860,626	0	51,950,611	1,013	51,951,624	
18	GETCHELL GOLD CORP.	HUMBOLDT	NV	21	57,485	783	0	0	0	486,147	0	32,466,846	11,449,188	44,460,449	9,410	44,469,859	
19	KENNECOTT BARNEYS CANYON MINING CO.	SALT LAKE	UT	4	17,510	0	0	0	0	0	0	0	37,000,000	37,017,510	0	37,017,510	
20	CORTEZ GOLD MINES, PIPELINE MINE, MILL #2	LANDER	NV	9	161,994	0	0	0	0	0	0	396,600	35,624,500	36,183,094	0	36,183,094	
21	PHELPS DODGE TYRONE INC.	GRANT	NM	7	19,231	2	0	0	0	0	0	0	28,180,000	28,199,233	0	28,199,233	
22	MONTANA TUNNELS MINING INC.	JEFFERSON	MT	9	18,175	0	0	0	0	16,707,500	0	9,229,500	0	25,955,175	0	25,955,175	
23	GOLDEN SUNLIGHT MINES INC.	JEFFERSON	MT	9	122,909	0	0	0	0	0	0	668,000	25,000,000	25,790,909	0	25,790,909	
24	NEWMONT GOLD CO. - CARLIN NORTH AREA	EUREKA	NV	11	33,271	0	0	0	0	34	0	282,390	24,500,037	24,815,732	0	24,815,732	
25	KENNECOTT RIDGEWAY MINING CO.	FAIRFIELD	SC	10	24,000	0	0	0	0	0	0	7,029,000	15,964,000	23,017,000	0	23,017,000	

Note: On-site Releases from Section 5 of Form R. **Off-site Releases** are from Section 6 (transfers off-site to disposal) of Form R.
Off-site Releases include metals and metal compounds transferred off-site for solidification/stabilization and for wastewater treatment, including to POTWs.
* Facility also reported SIC code 4931 (Electric Utilities)
** Facility also reported SIC code 33 (Primary Metals)

Users of TRI information should be aware that TRI data reflect releases and other waste management of chemicals, not exposures of the public to those chemicals. Release estimates alone are not sufficient to determine exposure or to calculate potential adverse effects on human health and the environment. TRI data, in conjunction with other information, can be used as a starting point in evaluating exposures that may result from release and other waste management activities which involve toxic chemicals.